

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-52 (Cancelled)

53. (New) A method of correlating responses from a group of individuals comprising:
- a) selecting individuals having a risk factor for a disease;
  - b) creating queries regarding the individuals symptoms, behaviors, or environments;
  - c) storing the queries on a server;
  - d) transmitting the queries from the server to a remotely programmable apparatus identified with each individual, said remotely programmable apparatus having a user interface for communicating queries and for receiving responses, and having a communications function for communicating with the server through a communications network;
  - e) transmitting the responses of the individuals to the queries from the remotely programmable apparatuses to the server; and
  - f) creating a database of the individuals' symptoms, behavior or environments.
54. (New) The method of claim 53, wherein the queries are scripted and are adjustable to each individual.

55. (New) The method of claim 53, further comprising adjusting the queries to the individual with a script generator based upon the responses received from an individual.
56. (New) The method of claim 55, further comprising repeating the method with the adjusted queries.
57. (New) The method of claim 53, wherein the queries comprise factors associated with genetic information.
58. (New) The method of claim 53, wherein the responses from the individuals comprise phenotypic information.
59. (New) The method of claim 58, wherein said phenotypic information indicates some expression of nucleic acid sequence.
60. (New) The method of claim 53, wherein the communications apparatus is connectable with a monitoring device configured to acquire physiological data.
61. (New) The method of claim 60, wherein the monitoring device is selected from the group consisting of a blood glucose meter, a respiratory flow meter, a blood pressure cuff, a weight scale and a pulse meter.
62. (New) A method of monitoring a group of individuals, comprising:

- a) selecting individuals having a risk factor for a disease;
- b) creating queries regarding the individuals symptoms, behaviors, or environments;
- c) storing the queries on a server;
- d) transmitting the queries from the server to a remotely programmable apparatus identified with each individual, said remotely programmable apparatus having a user interface for communicating queries and for receiving responses, and having a communications function for communicating with the server through a communications network;
- e) transmitting the responses of the individuals to the queries from the remotely programmable apparatuses to the server;
- f) creating a database of the individuals symptoms, behavior, or environments;
- g) using data mining techniques to distinguish a group of individuals having similar symptoms, behavioral or environmental profiles; and
- h) using statistical methods to categorize the individuals into one or more subgroups of individuals with similar symptom, behavioral, or environmental profiles.

63. (New) The method of claim 62, wherein the queries are scripted and are adjustable to each individual.

64. (New) The method of claim 62, further comprising adjusting the queries to the individual with a script generator based upon the responses received from an individual.

65. (New) The method of claim 64, further comprising repeating the method with the adjusted queries.
66. (New) The method of claim 62, wherein the queries comprise factors associated with genetic information.
67. (New) The method of claim 62, wherein the responses from the individuals comprise phenotypic information.
68. (New) The method of claim 67, wherein said phenotypic information indicates some expression of a nucleic acid sequence.
69. (New) The method of claim 62, wherein the communications apparatus is connectable with a monitoring device configured to acquire physiological data.
70. (New) The method of claim 69, wherein the monitoring device is selected from the group consisting of a blood glucose meter, a respiratory flow meter, a blood pressure cuff, a weight scale and a pulse meter.
71. (New) The method of claim 62, wherein the disease is selected from the group consisting of non-insulin dependent diabetes, sickle cell anemia, cystic fibrosis, asthma, malignant melanoma, breast cancer, ovarian cancer, colon cancer and obesity.

72. (New) A method of determining the progression of a disease in an individual comprising:

- a) selecting individuals diagnosed with a disease;
- b) creating queries regarding the individuals symptoms, behaviors or environments;
- c) storing the queries on a server;
- d) transmitting the queries from the server to a remotely programmable apparatus identified with each individual, said remotely programmable apparatus having a user interface for communicating queries and for receiving responses, and having a communications function for communicating with the server through a communications network;
- e) transmitting the responses of the individuals to the queries from the remotely programmable apparatuses to the server; and
- f) creating a database of the individuals' symptoms, behavior or environments.

73. (New) The method of claim 72, wherein the queries are scripted and are adjustable to each individual.

74. (New) The method of claim 72, further comprising adjusting the queries to the individual with a script generator based upon the responses received from an individual.

75. (New) The method of claim 74, further comprising repeating the method with the adjusted queries.

76. (New) The method of claim 72, wherein the queries comprise factors associated with genetic information.

77. (New) The method of claim 72, wherein the responses from the individuals comprise phenotypic information related to the condition.

78. (New) The method of claim 77, wherein the phenotypic information is indicative of a genotypic condition.

79. (New) The method of claim 78, wherein said phenotypic information indicates some expression of a nucleic acid sequence.

80. (New) The method of claim 72, wherein the communications apparatus is connectable with a monitoring device configured to acquire physiological data.

81. (New) The method of claim 80, wherein the monitoring device is selected from the group consisting of a blood glucose meter, a respiratory flow meter, a blood pressure cuff, a weight scale and a pulse meter.

82. (New) The method of claim 72, wherein the disease is selected from the group consisting of non-insulin dependent diabetes, sickle cell anemia, cystic fibrosis, asthma, malignant melanoma, breast cancer, ovarian cancer, colon cancer and obesity.